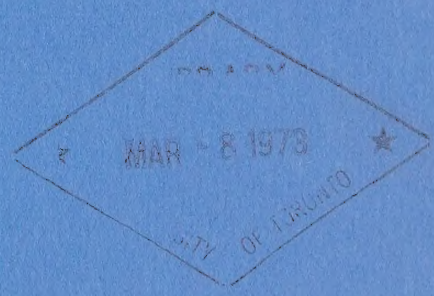


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HIGHWAY TRAFFIC COLLISIONS 1971



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Statistics relating to motor vehicle collisions

**MINISTRY OF TRANSPORTATION AND COMMUNICATIONS
ONTARIO**

HIGHWAY TRAFFIC COLLISIONS — 1971

The statistical information on the following pages relates to motor vehicle traffic collisions reported to the Ontario Ministry of Transportation and Communications during the calendar year 1971 which resulted in death or injury to persons, or in property damage in excess of \$200.

In July of 1971 revisions were made to the data recorded from motor vehicle collisions to further improve the statistical content. Statistics contained in this report represent a merging of similar data wherever possible. Where this is not possible, data will be shown for the appropriate six month period.

The report is divided into three major sections dealing with:

- i) an account of the property damage, injuries and deaths arising from motor vehicle traffic collisions in Ontario in 1971;
- ii) a description of trends in collisions and in death and injury rates over the period 1962-1971; and
- iii) a review of selected factors influencing or associated with collision and injury risk.

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MOTOR VEHICLE TRAFFIC COLLISIONS IN 1971

Summary

In 1971 there were 158,831 reported motor vehicle traffic collisions. When compared with 1970 this reflects an overall increase of 12.2%.

The number of persons fatally injured has increased by 15.2%, with large proportionate increases in bicyclists and motorcycle drivers. 31.5% of all fatal traffic victims were between the ages of 15 and 24 years. The lowest per capita death rates were found for residents of counties such as Haliburton (11.2), York (13.6),

Wentworth (15.0) and Stormont, Dundas and Glengarry (15.0)

The number of persons injured non-fatally increased by 12.7% caused mainly by increases in driver and passenger victims and including a substantial proportionate increase in bicyclists.

An increase in road user traffic in 1971 was shown by a 10.7% increase in vehicle registration and estimated increases of 2.1% in population and 4.5% in vehicle miles travelled.

COMPARATIVE STATISTICS — 1970 and 1971

	1970	1971	%Change
Total Collisions Reported	141,609	158,831	+12.2
Fatal Collisions	1,300	1,498	+15.2
Personal Injury Collisions	50,372	56,117	+11.4
Property Damage Only Collisions.	89,937	101,216	+12.5
Persons Fatally Injured	1,535	1,769	+15.2
Persons Non-Fatally Injured	75,126	84,650	+12.7
Amount of Property Damage (Est.)	\$106,229,000	\$112,306,000	+ 5.7
Vehicle Collisions per Million Vehicle Miles Travelled (Est.)	4.7	5.1	
Fatal Collisions per 100 Million Vehicle Miles Travelled (Est.)	4.3	4.8	
Death Rate per 100 Million Vehicle Miles Travelled (Est.)	5.1	5.6	
Motor Vehicles Registered	3,040,702	3,364,891	+10.7
Mileage Travelled (Est.)*	30,041,696,000	31,407,952,000	+ 4.5
Ontario Population (Est.)	7,637,000	7,800,000	+ 2.1

*Mileage estimated on the basis of 13.72 miles per gallon of taxed gasoline and motor fuel.

CLASS OF VICTIMS BY AGE GROUPS — FATALLY INJURED

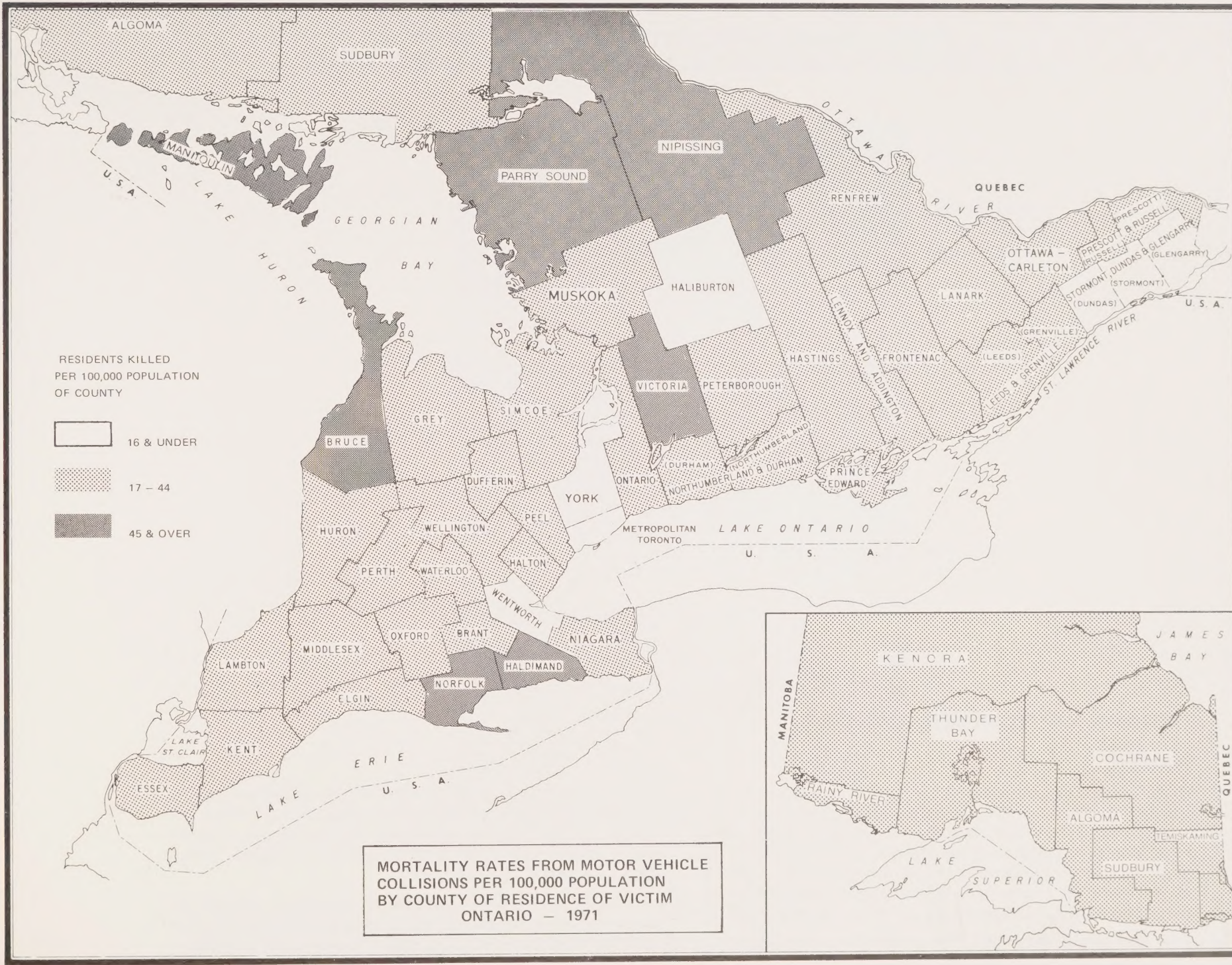
	Total	Drivers	Passengers*	Pedestrians	Bicyclists	Motorcycle Drivers	Other
0- 4 years	51	—	24	27	—	—	—
5-14 years	185	—	51	90	40	2	2
15-19 years	273	91	115	29	9	24	5
20-24 years	285	128	114	23	2	18	—
25-34 years	251	164	57	25	—	4	1
35-44 years	199	112	56	26	—	3	2
45-54 years	166	97	43	26	—	—	—
55-64 years	155	72	39	43	—	—	1
65 and over	200	72	58	68	2	—	—
Not stated	4	4	—	—	—	—	—
TOTAL 1971	1,769	740	557	357	53	51	11
TOTAL 1970	1,535	633	445	365	39	39	14
%Change	+ 15.2	+ 16.9	+ 25.2	— 2.2	+ 35.9	+ 30.8	— 21.4

*Includes motorcycle passengers.

CLASS OF VICTIMS BY AGE GROUPS — NON-FATALLY INJURED

	Total	Drivers	Passengers*	Pedestrians	Bicyclists	Motorcycle Drivers	Other
0- 4 years	2,446	4	1,659	759	21	—	3
5-14 years	8,740	35	4,015	2,995	1,650	13	32
15-19 years	14,823	5,027	7,305	814	445	1,181	51
20-24 years	16,235	8,579	6,029	513	183	908	23
25-34 years	14,647	9,074	4,690	550	69	230	34
35-44 years	10,002	6,364	3,127	419	19	48	25
45-54 years	8,029	4,603	2,913	454	12	26	21
55-64 years	5,140	2,720	1,998	381	18	8	15
65 and over	3,508	1,339	1,610	529	22	—	8
Not Stated	1,080	191	770	94	13	4	8
TOTAL 1971	84,650	37,936	34,116	7,508	2,452	2,418	220
TOTAL 1970	75,126	33,007	30,145	7,538	1,910	2,348	178
%Change	+ 12.7	+ 14.9	+ 13.2	— 0.4	+ 28.4	+ 3.0	+ 23.6

*Includes motorcycle passengers.



TRENDS IN MOTOR VEHICLE COLLISIONS

Summary

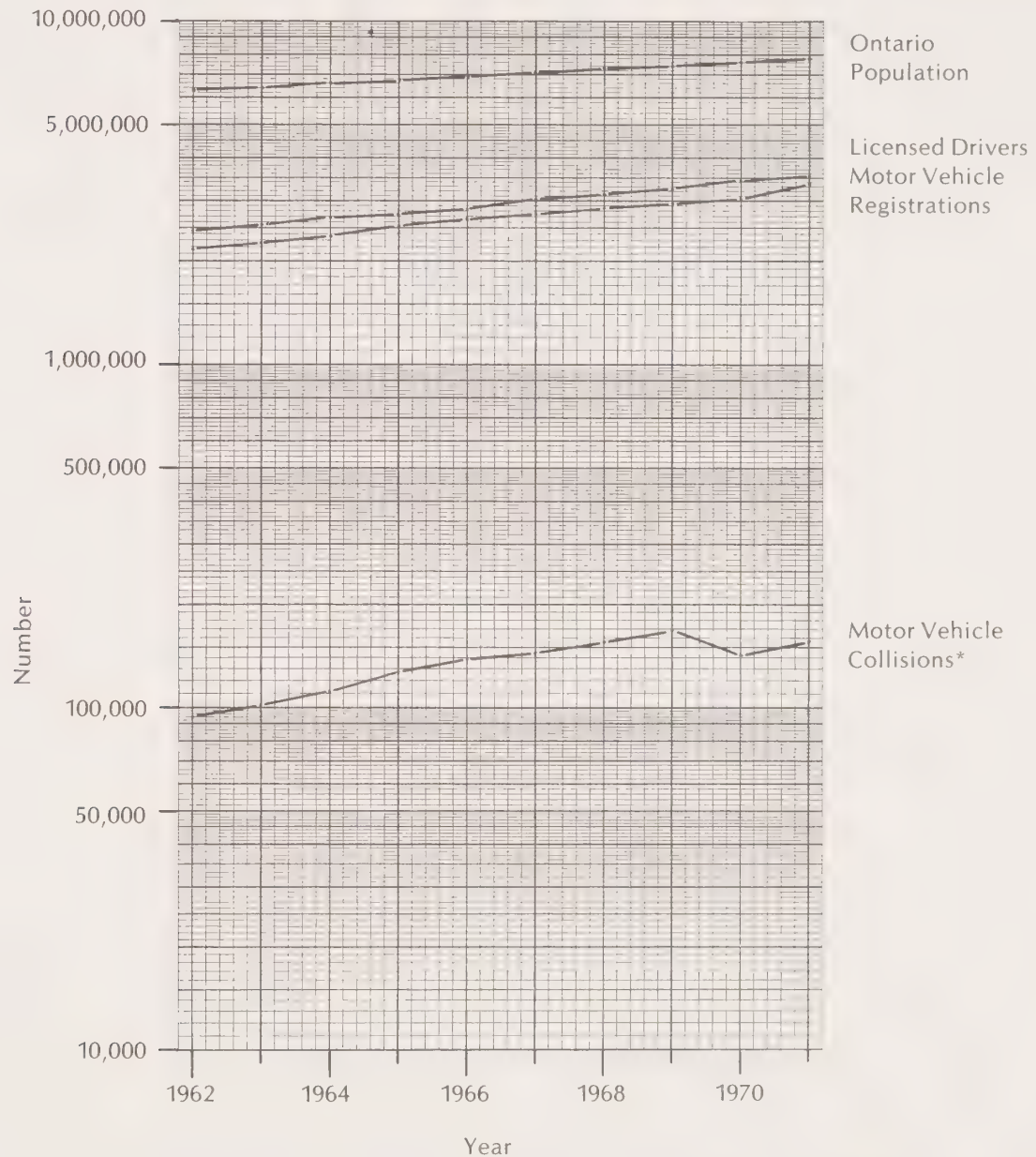
Over the past decade 1962-1971 the Ontario population, the number of licensed drivers, the motor vehicle registrations and motor vehicle collisions have been increasing, with motor vehicle collisions exhibiting the sharpest rate of increase. The large decrease in the number of collisions reported in 1970 is due mainly to the change in collision reporting legislation which raised the property damage criteria to \$200 on January 1, 1970.

4 Over the period 1962-1971 the number of traffic deaths in-

creased from 1,383 persons to 1,769. At the same time the Ontario population grew from 6.4 million people to 7.8 million. The fatality rate per 100,000 population has not changed significantly varying from a low of 20.1 in 1970 to a high of 24.0 in 1967.

In contrast to this trend, the number of persons injured non-fatally has increased steadily noticeably so in 1971 to a high of 108.5 per 10,000 population compared to a low of 65.8 in 1962.

TRENDS IN ONTARIO POPULATION, LICENSED DRIVERS, MOTOR VEHICLE REGISTRATIONS, AND MOTOR VEHICLE TRAFFIC COLLISIONS 1962-1971



*In 1970 the reporting criterion for property damage only collisions was raised from \$100 to \$200

FATAL COLLISIONS AND PERSONS KILLED BY CLASS OF VICTIM 1962-1971



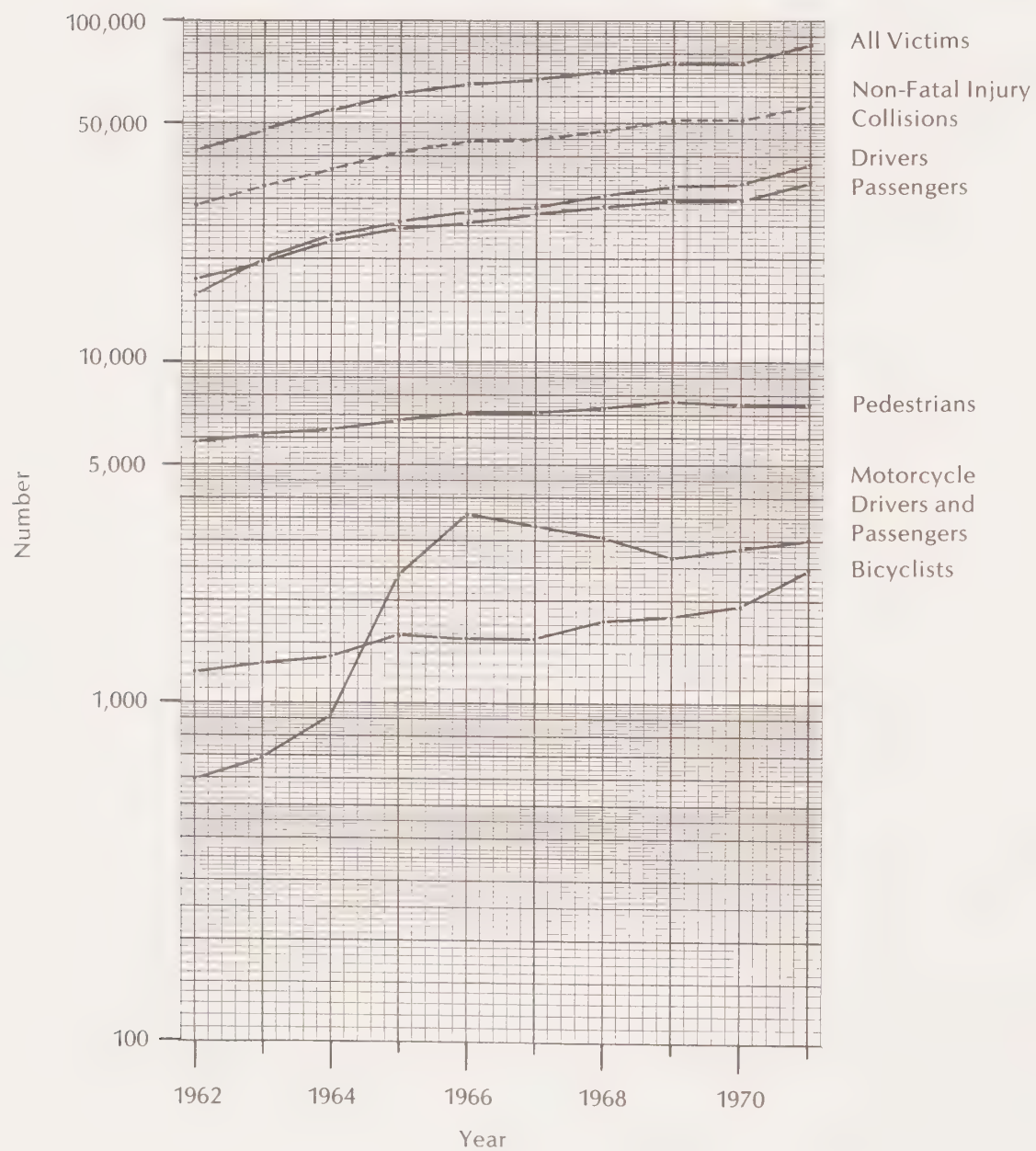
FATAL TRAFFIC COLLISION VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES

Year	Ontario Population	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 100,000**	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000	No.	Rate/ 100,000
1962	6,351,000	547	13.0	465	7.3	318	5.0	53	0.8	1,383	21.8
1963	6,481,000	590	13.8	420	6.5	355	5.5	56	0.9	1,421	21.9
1964	6,631,000	567	12.9	448	6.8	344	5.2	65	1.0	1,424	21.5
1965	6,788,000	598	13.0	553	8.1	387	5.7	73	1.1	1,611	23.7
1966	6,961,000	615	13.3	490	7.0	380	5.5	111	1.6	1,596	22.9
1967	7,149,000	672	14.0	542	7.6	393	5.5	112	1.6	1,719	24.0
1968	7,306,000	643	13.0	491	6.7	336	4.6	116	1.6	1,586	21.7
1969	7,452,000	707	13.9	526	7.1	346	4.6	104	1.4	1,683	22.6
1970	7,637,000	633	12.1	437	5.7	365	4.8	100	1.3	1,535	20.1
1971	7,800,000	740	13.7	542	6.9	357	4.6	130	1.7	1,769	22.7

*Does not include motorcycle passengers.

**Rate per 100,000 of population 16 years of age and over.

NON-FATAL INJURY COLLISIONS AND PERSONS INJURED BY CLASS OF VICTIM 1962-1971



NON-FATAL TRAFFIC COLLISION VICTIMS IN ONTARIO BY CLASS OF ROAD USER — ALL AGES

Year	Ontario Population	Driver		Passenger*		Pedestrian		All Others		All Classes	
		No.	Rate/ 10,000**	No.	Rate/ 10,000	No.	Rate/ 10,000	No.	Rate/ 10,000	No.	Rate/ 10,000
1962	6,351,000	16,771	39.9	17,299	27.2	5,802	9.1	1,894	3.0	41,766	65.8
1963	6,481,000	19,961	46.6	19,687	30.4	6,073	9.4	2,080	3.2	47,801	73.8
1964	6,631,000	23,206	52.9	22,539	34.0	6,399	9.7	2,416	3.6	54,560	82.3
1965	6,788,000	25,603	55.5	24,537	36.1	6,740	9.9	4,037	5.9	60,917	89.7
1966	6,961,000	27,446	59.2	25,444	36.6	7,092	10.2	5,228	7.5	65,210	93.7
1967	7,149,000	28,169	58.7	27,067	37.9	7,091	9.9	4,953	6.9	67,280	94.1
1968	7,306,000	30,968	62.7	28,315	38.8	7,302	10.0	4,935	6.8	71,520	97.9
1969	7,452,000	32,928	64.8	29,730	39.9	7,610	10.2	4,634	6.2	74,902	100.5
1970	7,637,000	33,007	62.8	29,615	38.8	7,538	9.9	4,966	6.5	75,126	98.4
1971	7,800,000	37,936	70.2	33,519	43.0	7,508	9.6	5,687	7.3	84,650	108.5

*Does not include motorcycle passengers

**Rate per 10,000 population 16 years of age and over.

COLLISIONS INVOLVING SCHOOL BUSES

School Year	Pupils Transported Daily	Number of Collisions (1)	Crossing Road (2)	Pupil Passengers Injured (Fatally/Non-Fatally)			Injury Rate Per 100,000 Pupils	
				Within School Bus	Other	Total	Fatal	Non-Fatal
1963-64	247,606	192	5/13	0/64	0/8	5/85	2.0	34
1964-65	284,217	221	3/9	1/44	0/8	4/61	1.4	21
1965-66	332,039	287	5/21	0/18	0/8	5/47	1.5	14
1966-67	398,065	409	1/21	9*/105	0/13	10/139	2.5	35
1967-68	414,216	498	2/18	0/89	1/12	3/119	0.7	29
1968-69	447,638	559	3/10	2/152†	2/17	7/179	1.6	40
1969-70	478,224	383	4/12	2/109**	1/5	7/126	1.5	26
1970-71	523,284	490	0/21	1/151***	2/36††	3/208	0.6	40

(1) Collisions involving a school bus directly or indirectly while transporting pupils to or from school.

(2) To board or after leaving stopped school bus.

*Includes one collision resulting in eight pupil fatalities.

**Includes one collision resulting in two pupil fatalities and twenty-eight pupil injuries.

†Includes one collision resulting in thirty-five pupil injuries.

***Includes one collision resulting in fifteen pupil injuries.

††Includes one collision resulting in twenty-one pupil injuries.

MOTORCYCLE COLLISION STATISTICS

In September 1968, Highway Traffic Act amendments came into effect requiring that a safety helmet, as prescribed, be worn by motorcycle operators and their passengers. Comparison of fatal and non-fatal statistics for the first three years following the law with those of the year immediately preceding the law show a reduction in fatalities of 32% during 1968-1969, 42% during 1969-1970 and 21% during 1970-1971 for motorcycle drivers. Motorcycle passengers showed a reduction in fatalities of 50% during 1968-1969, 36% during 1969-1970 but increased by 7% in 1970-1971

Motorcycle driver injuries showed decreases with the decrease in 1970-1971 being almost half of those of the two previous years.

MOTORCYCLISTS KILLED AND INJURED — 1967/68 — 1970/71

Reference Year (Sept.-August)	Motorcycle Drivers		% Change re 1967-1968		Motorcycle Passengers		% Change re 1967-1968	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
1967-1968	62	2,590	—	—	14	712	—	—
1968-1969	42	2,266	—32.3	—12.5	7	448	—50.0	—37.1
1969-1970	36	2,269	—41.9	—12.4	9	536	—35.7	—24.7
1970-1971	49	2,440	—21.0	—5.8	15	567	+7.1	—20.4

FATAL COLLISIONS BY PLACE OF OCCURRENCE — 1962-1971

Place of Occurrence	FATAL COLLISIONS									
	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Urban Area	299	345	361	408	434	442	389	425	400	458
Controlled Access Highways* ..	570	592	567	625	105	103	111	106	119	128
Other Kings Highways†										
Other	270	285	274	285	294	325	311	349	295	378
TOTAL	1,139	1,222	1,202	1,318	1,347	1,400	1,346	1,410	1,300	1,498

*Figures for 1962-1965 combine all Kings Highways

†Includes Secondary Highways

ALL COLLISIONS BY PLACE OF OCCURRENCE — 1962-1971

Place of Occurrence	ALL COLLISIONS									
	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Urban Area	60,767	68,984	71,759	82,665	91,723	92,952	100,611	110,933	92,091	100,479
Controlled Access Highways† }	20,210	21,683	24,023	28,260	6,532	7,309	8,087	9,192	8,394	9,070
Other Kings Highways*					22,343	24,131	25,236	25,888	21,890	24,222
Other	13,254	14,252	15,450	17,537	19,183	20,616	21,193	23,382	19,234	25,060
TOTAL	94,231	104,919	111,232	128,462	139,781	145,008	155,127	169,395	141,609**	158,831

†Figures for 1962-1965 combine all Kings Highways.

*Includes Secondary Highways.

**Minimum reportable property damage amount changed from over \$100 to over \$200 on January 1, 1970

ALL COLLISIONS AND FATAL COLLISIONS BY TYPE — 1962-1971

TYPE OF COLLISION	YEAR OF COLLISION									
	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
ALL COLLISIONS										
Other Motor Vehicle	65,887	75,143	77,908	90,953	98,978	102,638	109,591	121,865	101,011	112,671
Single Motor Vehicle	19,427	20,232	23,447	26,392	29,206	30,254	32,941	34,409	28,511	32,167
Motor Vehicle & Pedestrian	5,654	5,921	6,229	6,534	6,877	6,884	7,006	7,278	7,227	7,037
Motor Vehicle & Bicycle	1,246	1,335	1,377	1,600	1,557	1,530	1,741	1,815	1,918	2,541
Motor Vehicle & Railroad Train	400	428	372	392	440	403	401	374	320	366
Motor Vehicle & Street Car	350	444	400	419	448	432	468	434	275	298
Motor Vehicle & Farm Tractor†	—	—	—	—	—	—	—	—	145	219
Motor Vehicle & Animal	739	866	941	1,276	1,323	1,440	1,510	1,658	1,317	1,402
Other*	528	550	558	896	952	1,427	1,469	1,562	885	2,130
TOTAL	94,231	104,919	111,232	128,462	139,781	145,008	155,127	169,395	141,609	158,831
FATAL COLLISIONS										
Other Motor Vehicle	415	467	475	528	516	545	542	563	525	611
Single Motor Vehicle	327	305	307	334	369	387	394	423	344	442
Motor Vehicle & Pedestrian	301	338	331	361	364	373	317	327	336	335
Motor Vehicle & Bicycle	36	43	37	39	39	23	45	40	41	51
Motor Vehicle & Railroad Train	48	53	38	44	41	53	34	42	32	34
Motor Vehicle & Street Car	1	2	3	2	2	2	1	2	—	—
Motor Vehicle & Farm Tractor†	—	—	—	—	—	—	—	—	1	1
Motor Vehicle & Animal	1	4	2	2	1	5	4	—	6	7
Other*	10	10	9	8	15	12	9	13	15	17
TOTAL	1,139	1,222	1,202	1,318	1,347	1,400	1,346	1,410	1,300	1,498

†Included with Other 1962-1969.

*Includes Horse Drawn Vehicles.

FATAL COLLISIONS BY NUMBER OF PERSONS KILLED IN EACH COLLISION — 1962-1971

YEAR	NUMBER OF PERSONS KILLED IN EACH COLLISION ()										TOTAL FATAL COLLISIONS
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
1962	974	124	23	8	4	6					1,139
1963	1,082	102	26	8	3		1				1,222
1964	1,056	102	28	10	2	1	1	2			1,202
1965	1,113	144	41	14	5	1					1,318
1966	1,168	135	30	8	4	1		1			1,347
1967	1,194	139	41	16	5	3		1		1	1,400
1968	1,170	133	29	9	3	2					1,346
1969	1,230	127	37	11	4	1					1,410
1970	1,140	117	30	9	2		1		1		1,300
1971	1,303	132	51	8	3			1			1,498

SELECTED CIRCUMSTANCES OF MOTOR VEHICLE COLLISIONS

SUMMARY

The following tables present information relating to selected driver, vehicle and road characteristics of motor vehicle

collisions reported in 1971. Listings of collisions by various geographic areas of the province are included.

CONDITION OF DRIVER

Condition	All Collisions				Fatal Collisions			
	1970	%	1971	%	1970	%	1971	%
Apparently Normal	213,721	88.5	235,796	86.9	1,251	65.6	1,383	62.6
Ability Impaired	5,940	2.5	7,054	2.6	246	12.9	238	10.8
Had Been Drinking	12,387	5.1	14,876	5.5	219	11.5	271	12.3
Other	1,086	0.5	1,780	0.7	6	0.3	29	1.3
Not Known	8,269	3.4	11,778	4.3	186	9.7	287	13.0
TOTAL	241,403	100.0	271,284	100.0	1,908	100.0	2,208	100.0

OCCURRENCE OF ALCOHOL IN FATALLY INJURED DRIVERS

Recorded Occurrence of Alcohol	Number of Drivers*			
	1970	%	1971	%
Apparently Normal	284	50.4	337	53.8
Ability Impaired	182	32.3	196	31.3
Had Been Drinking	97	17.2	93	14.9
Total	563	100.0	626	100.0

*Does not include cases where no judgment of alcohol occurrence was provided.

DRIVER CONDITION BY AGE GROUP — ALL COLLISIONS — 1970 and 1971

Age Group	DRIVER CONDITION												
	Normal		Ability Impaired		Had Been Drinking		Other		Not Known		Total		
	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	
Under 16	224	251	3	5	11	30	3	12	32	46	273	344	
16 - 19	26,580	29,011	287	504	972	1,773	160	275	1,024	1,554	29,023	33,117	
20 - 24	43,804	47,365	1,069	1,260	3,180	3,919	235	410	1,692	2,406	49,980	55,360	
25 - 34	50,773	57,192	1,554	1,819	3,569	4,099	215	340	1,930	2,826	58,041	66,276	
35 - 44	37,815	42,163	1,359	1,613	2,301	2,473	132	217	1,304	2,024	42,911	48,490	
45 - 54	28,481	31,816	1,028	1,163	1,365	1,583	123	166	954	1,422	31,951	36,150	
55 - 64	16,675	18,554	446	511	682	736	107	163	574	818	18,484	20,782	
65 & Over	8,169	8,634	116	121	191	178	98	182	287	390	8,861	9,505	
Not Known	1,200	810	78	58	116	85	13	15	472	292	1,879	1,260	
TOTAL	213,721	235,796	5,940	7,054	12,387	14,876	1,086	1,780	8,269	11,778	241,403	271,284	17

SEAT BELT USAGE* — ALL COLLISIONS AND FATAL COLLISIONS 1971

	Fatal	%	All Collisions	%
Installed Not In Use	709	49.8	88,709	56.7
Installed In Use	82	5.8	14,861	9.5
Installed Use Unknown	81	5.7	3,872	2.5
Not Installed	381	26.8	27,708	17.7
Not Known	170	11.9	21,281	13.6
TOTAL	1,423	100.0	156,431	100.0

*Drivers only of all vehicles involved in collisions July-December 1971.

FATALITIES BY TIME OF DAY AND DAY OF WEEK

Time	Total	%	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.	Sun.
12- 1 a.m.	85	4.8	2	9	8	7	4	32	23
1- 2 a.m.	109	6.2	3	4	9	8	15	40	30
2- 3 a.m.	83	4.7	4	5	5	2	6	25	36
3- 4 a.m.	37	2.1	—	4	—	13	1	10	9
4- 5 a.m.	24	1.4	1	2	1	4	2	9	5
5- 6 a.m.	11	0.6	—	—	—	2	1	4	4
6- 7 a.m.	41	2.3	4	4	2	6	9	8	8
7- 8 a.m.	46	2.6	5	7	2	10	11	5	6
8- 9 a.m.	42	2.4	9	7	8	2	7	6	3
9- 10 a.m.	33	1.9	4	4	7	2	3	6	7
10- 11 a.m.	55	3.1	8	4	6	5	9	14	9
11- 12 a.m.	74	4.2	6	12	12	16	11	10	7
12- 1 p.m.	66	3.7	8	8	8	13	10	6	13
1- 2 p.m.	71	4.0	7	11	6	8	8	16	15
2- 3 p.m.	70	4.0	5	10	5	9	8	12	21
3- 4 p.m.	70	4.0	12	8	8	8	10	9	15
4- 5 p.m.	111	6.3	18	8	19	8	21	20	17
5- 6 p.m.	98	5.5	13	9	8	15	23	21	9
6- 7 p.m.	107	6.0	9	16	10	17	12	22	21
7- 8 p.m.	131	7.4	15	13	13	21	27	32	10
8- 9 p.m.	112	6.3	7	13	10	12	27	24	19
9- 10 p.m.	88	5.0	4	8	9	18	13	26	10
10- 11 p.m.	93	5.2	3	5	8	8	41	24	4
11- 12 p.m.	106	6.0	13	10	13	12	27	28	3
Unknown	6	0.3	—	1	1	—	1	2	1
TOTAL	1,769	100.0	160	182	178	226	307	411	305

TYPE AND CONDITION OF VEHICLES INVOLVED — ALL COLLISIONS — 1971

Vehicle Condition	Vehicle Type							Total
	Passenger ¹ Car	Passenger ¹ Car & Trailer	Motor- cycle	Bus	Truck	Tractor Trailer	Other	
Apparently Good	236,568	1,382	3,276	2,053	22,586	3,895	805	270,565
Service Brakes Defective	1,468	11	13	19	386	100	8	2,005
Steering Defective	293	3	7	2	61	12	4	382
Tire Puncture or Blow-Out	906	22	19	2	142	37	4	1,132
Tire Tread Insufficient	1,307	2	7	8	115	9	4	1,452
Headlamps Defective	103	—	15	—	16	3	4	141
Other Lamps or Reflectors Defective. . .	297	10	9	3	148	34	5	506
Engine Controls Defective	281	2	8	1	29	11	5	337
Wheels or Suspension Defective	157	13	13	6	67	58	1	315
Other Defects.	1,292	49	35	9	261	147	35	1,828
Not Known	7,596	23	122	31	688	93	1,917	10,470
TOTAL	250,268	1,517	3,524	2,134	24,499	4,399	2,792	289,133

¹Includes station wagons

MODEL YEAR OF VEHICLE — ALL COLLISIONS AND FATAL COLLISIONS — 1971

Year	All Collisions		Fatal Collisions	
1972	2,535	0.9%	15	0.7%
1971	28,330	9.8	241	10.6
1970	37,020	12.8	264	11.6
1969	39,618	13.7	295	13.0
1968	33,486	11.6	274	12.1
1967	28,985	10.0	200	8.8
1966	29,941	10.3	259	11.4
1965	26,922	9.3	203	9.0
1964	21,903	7.6	171	7.5
1963	14,768	5.1	120	5.3
1962 & earlier.	20,526	7.1	210	9.3
Not Known.	5,099	1.8	15	0.7
20 TOTAL	289,133	100.0	2,267	100.0

1971

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**STATISTICS RELATING TO MOTOR VEHICLE TRAFFIC COLLISIONS IN URBAN
(10,000 POPULATION AND OVER) AREAS — 1971**

Place	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured
Ajax	103	1	36	66	1	52
Aurora	111	1	34	76	1	47
Barrie	571	1	212	358	1	304
Belleville	571	3	197	371	3	262
Brampton	566	4	180	382	4	249
Brantford	1,034	1	211	822	1	276
Brockville	341	—	97	244	—	132
Burlington	1,247	6	449	792	8	637
Chatham	626	3	225	398	3	305
Cobourg	153	—	44	109	—	58
Cornwall	869	—	161	708	—	231
Dundas	227	2	81	144	2	116
Fort Erie	273	5	102	166	5	143
Galt	583	2	203	378	3	293
Georgetown	190	—	56	134	—	72
Grimsby	124	1	25	98	1	34
Guelph	733	2	192	539	2	298
Hamilton	7,129	22	2,775	4,332	23	3,820
Kapuskasing	124	1	40	83	2	59
Kenora	168	1	55	112	1	65
Kingston	1,040	4	312	724	5	449
Kitchener	2,464	9	705	1,750	9	984
Lincoln	51	1	15	35	2	22
Lindsay	209	—	45	164	—	62
London	4,384	11	1,644	2,729	11	2,298
Midland	171	4	44	123	4	69
Mississauga	2,582	17	847	1,718	18	1,196
Niagara Falls	895	10	276	609	10	399
Niagara-on-the-lake	64	1	30	33	1	38
North Bay	864	7	299	558	7	449

Place	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured
Oakville	935	11	394	530	13	581
Orillia	397	3	137	257	3	195
Oshawa	1,200	7	418	775	8	579
Ottawa	6,547	30	1,416	5,101	31	1,916
Owen Sound	287	3	96	188	3	142
Pembroke	245	1	73	171	1	105
Peterborough	1,254	5	399	850	7	639
Port Colborne	297	3	119	175	3	178
Preston	316	—	135	181	—	185
Richmond Hill	235	—	80	155	—	120
St. Catharines	1,373	10	469	894	14	655
St. Thomas	325	4	116	205	4	159
Sarnia	1,035	9	323	703	10	484
Sault Ste. Marie	1,496	9	472	1,015	9	689
Simcoe	153	—	50	103	—	63
Stratford	419	—	141	278	—	179
Sudbury	2,538	17	710	1,811	17	1,076
Thorold	107	—	33	74	—	39
Thunder Bay	2,223	14	887	1,322	16	1,318
Timmins	408	1	119	288	1	159
Toronto (Metro)	34,807	112	13,595	21,100	118	18,695
Trenton	180	2	73	105	2	99
Vanier	484	2	122	360	2	147
Wallaceburg	140	—	44	96	—	56
Waterloo	743	4	216	523	6	306
Welland	602	6	241	355	7	334
Whitchurch-Stouffville	206	3	55	148	4	114
Whitby	505	4	178	323	5	272
Windsor	4,254	17	1,692	2,545	18	2,334
Woodstock	388	2	150	236	2	224
TOTAL	92,566	399	32,545	59,622	432	45,461

**STATISTICS RELATING TO MOTOR VEHICLE TRAFFIC COLLISIONS IN URBAN
(1,000 TO 9,999 POPULATION) AREAS — 1971**

Place	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured
Acton	50	—	17	33	—	19
Alexandria	50	—	10	40	—	18
Alfred	2	—	—	2	—	—
Alliston	67	1	24	42	1	33
Almonte	32	—	7	25	—	7
Amherstburg	34	—	13	21	—	15
Arnprior	59	—	18	41	—	24
Arthur	26	—	10	16	—	13
Athens	3	—	1	2	—	1
Aylmer	41	—	15	26	—	19
Ayr	7	—	1	6	—	1
Balmertown	8	—	2	6	—	2
Bancroft	36	1	8	27	1	11
Barry's Bay	18	—	2	16	—	6
Beaverton	12	—	4	8	—	5
Beeton	13	—	3	10	—	4
Belle River	38	—	14	24	—	19
Blenheim	39	1	10	28	1	15
Blind River	41	—	11	30	—	13
Bobcaygeon	14	—	8	6	—	10
Bolton	19	—	9	10	—	13
Bowmanville	128	2	60	66	2	75
Bracebridge	59	1	9	49	1	9
Bradford	52	—	8	44	—	10
Bridgeport	34	—	7	27	—	8
Brighton	23	—	10	13	—	15
Caledonia	53	2	23	28	3	32
Campbellford	41	—	11	30	—	12
Cannington	3	—	2	1	—	2
Capreol	25	—	8	17	—	11
Cardinal	10	—	—	10	—	—
Carleton Place	28	—	6	22	—	6

Place	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured
Casselman	19	1	2	16	1	2
Cayuga	7	—	3	4	—	3
Chalk River	7	—	3	4	—	4
Chesley	15	—	3	12	—	3
Clinton	32	2	5	25	3	9
Cobalt	33	—	7	26	—	10
Cochrane	61	—	21	40	—	27
Colborne	17	—	5	12	—	11
Collingwood	161	1	47	113	1	83
Coniston	28	—	10	18	—	12
Copper Cliff	79	—	22	57	—	32
Deep River	32	—	11	21	—	12
Delhi	75	3	19	53	3	32
Deseronto	16	1	2	13	1	2
Dresden	17	—	3	14	—	3
Dryden	77	1	24	52	2	30
Dunnville	83	2	20	61	2	27
Durham	20	—	10	10	—	16
Ear Falls	3	—	2	1	—	2
Eganville	20	—	3	17	—	4
Elmira	42	—	13	29	—	18
Elmvale	10	—	3	7	—	5
Elora	25	1	7	17	1	12
Englehart	20	—	3	17	—	5
Erin	12	—	6	6	—	8
Espanola	59	1	16	42	1	23
Essex	54	—	14	40	—	21
Exeter	58	—	17	41	—	19
Fenelon Falls	8	—	2	6	—	2
Fergus	55	—	15	40	—	24
Forest	22	—	8	14	—	10
Fort Frances	177	—	48	129	-	67

Place	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured
Frankford	27	—	5	22	—	6
Gananoque	66	1	11	54	1	15
Geraldton	39	—	13	26	—	14
Glencoe	23	—	5	18	—	7
Goderich	126	1	32	93	1	42
Gravenhurst	59	2	15	42	2	19
Hagersville	24	—	3	21	—	3
Haileybury	35	2	8	25	2	9
Hanover	54	—	10	44	—	11
Harrow	26	—	3	23	—	4
Havelock	5	—	2	3	—	4
Hawkesbury	170	2	36	132	2	44
Hearst	49	—	17	32	—	18
Hespeler	96	—	29	67	—	45
Huntsville	80	1	19	60	1	27
Ingersoll	119	1	31	87	1	43
Iroquois	6	—	2	4	—	3
Keewatin	22	—	7	15	—	12
Kemptville	40	—	8	32	—	15
Kincardine	62	—	16	46	—	29
Kingsville	45	1	14	30	1	15
Lakefield	26	—	15	11	—	24
Leamington	190	1	44	145	1	61
Levack	14	—	4	10	—	7
Listowel	82	—	16	66	—	20
Little Current	26	—	4	22	—	4
Lively	16	—	7	9	—	9
L'Original	11	—	3	8	—	3
Lucan	13	1	5	7	1	5
Lucknow	10	—	3	7	—	3
Madoc	15	—	5	10	—	5
Manitouwadge	20	—	7	13	—	8

Place	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured
Marathon	13	—	2	11	—	3
Markdale	8	—	4	4	—	5
Markham	309	2	110	197	2	157
Marmora	11	—	4	7	—	8
Massey	4	—	—	4	—	—
Mattawa	25	—	7	18	—	10
Meaford	45	—	11	34	—	16
Milton	107	1	29	77	1	40
Milverton	9	1	—	8	1	—
Mitchell	46	—	15	31	—	17
Moosonee	7	—	6	1	—	6
Morrisburg	21	—	7	14	—	14
Mount Forest	34	—	9	25	—	14
Napanee	78	1	15	62	1	19
Newcastle	17	—	6	11	—	6
New Hamburg	27	—	9	18	—	11
New Liskeard	63	—	13	50	—	15
Newmarket	186	1	67	118	1	96
Norwich	3	—	2	1	—	3
Norwood	3	—	2	1	—	2
Onaping	3	—	2	1	—	3
Orangeville	100	—	33	67	—	34
Palmerston	22	—	7	15	—	13
Paris	70	—	19	51	—	28
Parry Sound	71	—	16	55	—	21
Pelham	31	2	11	18	2	13
Penetanguishene	93	—	28	65	—	38
Perth	104	—	21	83	—	31
Petawawa	77	—	17	60	—	22
Petrolia	58	1	14	43	1	26
Pickering	9	—	5	4	—	6
Picton	40	—	9	31	—	15

Place	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured
Point Edward	42	—	12	30	—	23
Port Credit	90	—	27	63	—	43
Port Dover	36	—	9	27	—	13
Port Elgin	36	1	10	25	1	15
Port Hope	64	1	21	42	1	30
Port McNicoll	6	—	—	6	—	—
Port Perry	31	—	10	21	—	11
Port Stanley	9	—	4	5	—	8
Powassan	4	—	—	4	—	—
Prescott	67	—	16	51	—	17
Rainy River	7	—	1	6	—	2
Red Rock	7	—	3	4	—	3
Renfrew	172	1	41	130	1	54
Richmond	9	—	2	7	—	4
Ridgetown	16	—	6	10	—	7
Rockcliffe Park	52	—	7	45	—	9
Rockland	40	—	18	22	—	19
Rodney	4	—	—	4	—	—
St. Clair Beach	12	—	5	7	—	9
St. Marys	49	1	12	36	3	21
Seaforth	5	—	—	5	—	—
Shelburne	19	—	4	15	—	11
Sioux Lookout	30	—	6	24	—	7
Smiths Falls	253	4	80	169	4	114
Smooth Rock Falls	7	—	3	4	—	4
Southampton	29	1	4	24	1	12
Stayner	19	—	6	13	—	6
Stirling	11	—	5	6	—	6
Stittsville	9	—	5	4	—	5
Stoney Creek	162	—	68	94	—	127
Strathroy	72	—	25	47	—	33
Streetsville	46	—	12	34	—	13

Place	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured
Sturgeon Falls	120	1	19	100	1	32
Sutton	17	—	—	17	—	—
Tavistock	11	—	2	9	—	2
Tecumseh	48	—	21	27	—	30
Thamesville	10	—	5	5	—	10
Thessalon	18	—	5	13	—	6
Thornbury	15	2	2	11	2	4
Tilbury	67	1	17	49	1	28
Tillsonburg	121	—	47	74	—	82
Tottenham	4	—	1	3	—	1
Uxbridge	36	—	14	22	—	20
Vankleek Hill	13	—	4	9	—	5
Victoria Harbour	7	—	2	5	—	3
Walkerton	52	—	11	41	—	20
Wasaga Beach	73	1	28	44	1	46
Waterdown	17	—	4	13	—	5
Waterford	19	1	7	11	1	10
Watford	20	—	7	13	—	7
West Lorne	8	—	2	6	—	2
Wheatley	22	1	3	18	1	7
White River	1	—	1	—	—	1
Warton	16	—	5	11	—	9
Winchester	15	—	2	13	—	2
Wingham	44	—	6	38	—	6
Woodbridge	8	—	2	6	—	3
Wyoming	10	—	5	5	—	7
TOTAL	7,906	59	2,248	5,599	64	3,166

**STATISTICS RELATING TO MOTOR VEHICLE TRAFFIC COLLISIONS BY COUNTIES,
DISTRICTS AND REGIONAL MUNICIPALITIES — ONTARIO — 1971**

County, District or Regional Municipality	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured
Algoma	2,526	28	871	1,627	39	1,341
Brant	1,898	18	485	1,395	18	721
Bruce	1,144	25	335	784	26	552
Cochrane	1,366	13	489	864	15	733
Dufferin	617	15	231	371	22	401
Dundas	315	7	90	218	7	154
Durham	1,158	14	439	705	15	730
Elgin	1,068	13	441	614	17	718
Essex	6,218	53	2,543	3,622	63	3,716
Frontenac	1,991	15	607	1,369	19	934
Glengarry	445	9	168	268	10	264
Grenville	556	9	179	368	10	290
Grey	1,279	25	389	865	28	663
Haldimand	647	21	226	400	26	352
Haliburton	318	3	108	207	4	192
Halton	3,831	46	1,445	2,340	57	2,203
Hastings	1,906	31	684	1,191	36	1,055
Huron	1,062	14	387	661	16	622
Kenora	1,006	17	317	672	19	475
Kent	1,833	36	730	1,067	41	1,156
Lambton	2,268	28	864	1,376	34	1,361
Lanark	878	10	288	580	12	482
Leeds	1,114	18	388	708	22	565
Lennox & Addington	654	11	208	435	11	358
Manitoulin	224	5	68	151	9	112
Middlesex	5,896	43	2,289	3,564	50	3,406
Muskoka	1,186	35	402	749	44	713

County, District or Regional Municipality	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured
Niagara North	2,941	41	1,049	1,851	50	1,603
Niagara South	3,907	40	1,403	2,464	42	2,064
Nipissing	1,754	34	616	1,104	44	1,003
Norfolk	945	28	300	617	36	515
Northumberland	1,065	20	375	670	21	613
Ontario	3,811	39	1,464	2,308	48	2,343
Ottawa-Carleton	10,423	67	2,493	7,863	74	3,457
Oxford	1,590	26	548	1,016	30	895
Parry Sound	970	18	332	620	29	586
Peel	5,688	43	1,914	3,731	50	2,899
Perth	1,211	16	358	837	25	551
Peterborough	2,135	20	742	1,373	25	1,258
Prescott	686	15	213	458	21	358
Prince Edward	272	7	100	165	7	159
Rainy River	468	3	132	333	4	202
Renfrew	1,660	25	567	1,068	32	982
Russell	323	9	126	188	12	187
Simcoe	4,359	68	1,596	2,695	77	2,725
Stormont	1,162	3	269	890	3	409
Sudbury	4,983	62	1,534	3,387	73	2,426
Thunder Bay	3,341	33	1,278	2,030	36	1,962
Timiskaming	810	13	252	545	15	429
Victoria	821	13	300	508	21	507
Waterloo	5,764	31	1,813	3,920	37	2,632
Wellington	2,105	26	638	1,441	35	1,112
Wentworth	9,411	49	3,675	5,687	52	5,330
York	42,822	187	16,359	26,276	200	23,174
TOTAL	158,831	1,498	56,117	101,216	1,769	84,650

SUMMARY OF MOTOR VEHICLE TRAFFIC COLLISION STATISTICS

[illegible]

